

### ***REASONS FOR ALLOWANCE***

1. The amendment filed 01/25/2010 has been entered. Claims 2, 14-25, 33, 39-56, 57-59, 60, 62-63, 75-79 have been cancelled. Claims 1, 3-13, 26-32, 34-38, 61, 64, 65-74, and 80-85 are pending in this Office action.

#### ***Allowable Subject Matter***

2. Claims 1, 3-13, 26-32, 34-38, 61, 64, 65-74, and 80-85 are allowed.

3. The following is an examiner's statement of reasons for allowance: Li et al and Karabinis et al fail to disclose a receiver configured for processing a raw signal stream, comprising: a cancellation controller operable to selectively provide either or both of the raw signal stream and at least one interference cancelled signal stream to the plurality of demodulation fingers; and at least one cancellation module configured with the cancellation controller and operable to remove at least one replica of an interfering signal path from the raw signal stream to generate one of the at least one interference cancelled signal streams; and a method for selectively enabling signal interference cancellation, comprising: determining whether providing the at least a first interference cancelled signal stream to at least a first signal processor will improve a signal to noise ratio of at least a first signal path assigned to the at least a first signal processor; and in response to determining that the at least a first interference cancelled signal stream will improve a signal to noise ratio of the signal path at least a first signal stream assigned to the at least a first signal processor, providing the at least a first interference cancelled signal stream to the at least a first signal processor.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

**Conclusion**

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to KHAI TRAN whose telephone number is (571)272-3019. The examiner can normally be reached on 7:00AM - 4:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Payne can be reached on (571) 272-3024. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/KHAI TRAN/  
Primary Examiner, Art Unit 2611

*April 9, 2010*

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